

ABSTRACT

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A thin polypropylene sheet is extruded flat, with a thickness in the range of 0.008 to 0.060 inches with a Rockwell hardness between 72 and 90 and a flexural modulus between 55,000 psi and 200,000 psi. The resultant surface may be utilized for cutting and chopping foods. A sharp knife will penetrate, but not perforate, the sheet material to not dull the knife while maintaining the integrity of the surface. When flexed around its longitudinal centerline, the sheet material develops substantial cantilever beam strength, so as to transport food articles after preparation into an appropriate container.